RadioShack®

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SAME Alert Weatheradio

with AM/FM Atomic Clock Radio

Owner's Manual

Please read before using this equipment.

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WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.

CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.

This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

The graphical symbols with supplemental markings are located on the bottom of the Weatheradio.

❒ *Features*

Your RadioShack SAME Alert Weatheradio is a versatile and useful clock radio. The radio uses SAME (Specific Area Message Encoding) circuitry to provide more complete information about weather conditions in your immediate area, letting you avoid hearing alerts for geographical areas that do not interest you.

Your Weatheradio's features include:

NWR-SAME Operation — you can program up to 15 different location codes into the Weatheradio's memory, so the Weatheradio sounds an alert only when a weather emergency is declared in any of those locations.

Atomic Clock — the Weatheradio automatically sets and updates the time and date by receiving a radio signal from radio station WWVB, which broadcasts the time according to the U.S. government's hyper-accurate atomic clock in Boulder, Colorado.

Digital Tuning AM/FM Radio — lets you select your favorite broadcast station.

10-Station Memory Programming — lets you store five AM and five FM stations into memory, so you can quickly tune to your favorite stations.

Dual Alarm — you can set the Weatheradio so it sounds an alarm sound or turns itself on at a time you set.

Programmable Warning Code Alert — lets you set the Weatheradio so it does not alert you when it receives some warnings.

Selectable Weather Alert — you can set the Weatheradio so it sounds an alert then automatically turns on the weather (voice) broadcast when it receives a weather emergency broadcast. You can also set the Weatheradio so it sounds only the alert, letting you manually tune the NOAA broadcast.

Large Reverse-Backlit Liquid Crystal Display — the Weatheradio's large, easy-to-read display clearly shows a description of the type of alert in progress (such as a tornado warning, flood watch, and so on).

Alert Volume Control — lets you adjust the alert's volume so you will be sure to hear it.

Snooze Control — lets you temporarily turn off the alarm or radio for about 10 minutes, so you can get a few extra minutes of sleep.

Sleep Timer — lets you set the radio so it plays as you fall asleep then automatically turns off.

Missed Alert Reminder — the Weatheradio sounds tones after an alert has been sent until the alert time expires or you press a button, so you do not miss important weather alerts.

Battery Backup with Battery Sentinel— powers the Weatheradio when AC power fails or is temporarily disconnected. An indicator appears when it is time to replace the backup battery.

FCC DECLARATION OF CONFORMITY

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Product:	S.A.M.E. Weatheradio Alert with AM/FM Atomic Clock Radio
Model:	12-253
Responsible Party:	RadioShack 100 Throckmorton Fort Worth, TX 76102
Phone:	817-415-3200

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

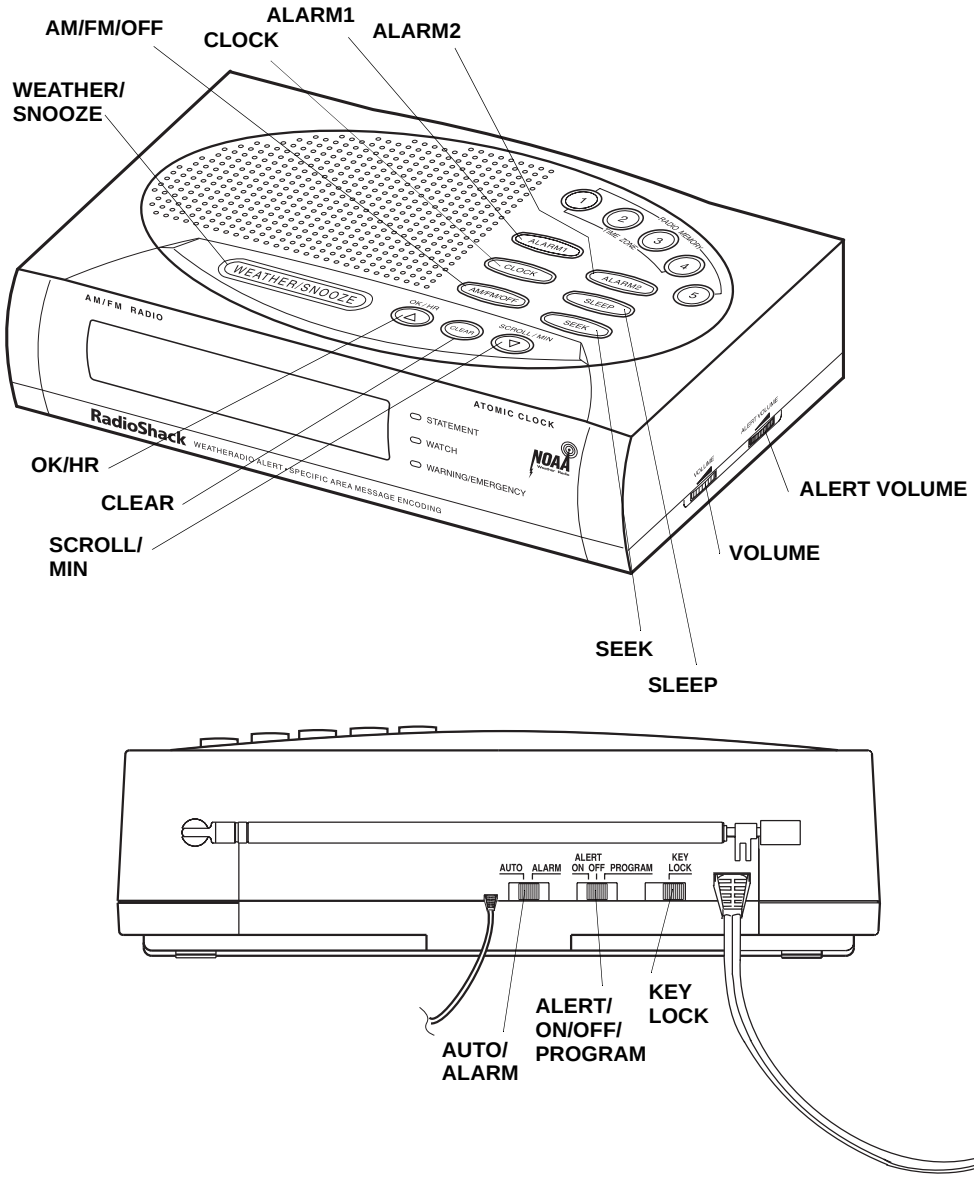
THE FCC WANTS YOU TO KNOW

This equipment complies with the limits for a Class B digital device as specified in Part 15 of *FCC Rules*. These limits provide reasonable protection against radio and TV interference in a residential area. However, your equipment might cause TV or radio interference even when it is operating properly. To eliminate interference, you can try one or more of the following corrective measures:

- reorient or relocate the receiving antenna
- increase the distance between the equipment and the radio or TV
- use outlets on different electrical circuits for the equipment and the radio or TV

Consult your local RadioShack store if the problem still exists.

❒ *A Quick Look at Your Weatheradio*



❒ How Your Weatheradio Works

Traditional weather radios simply receive NOAA's weather broadcast (usually within a 50-mile radius) then sound an alarm if any emergency code was transmitted along with the broadcast. This means that people who live outside an affected area are often alerted even when their area is not affected, causing many of them to ignore potentially real weather warnings that can save lives.

In 1994, the National Oceanic and Atmospheric Administration (NOAA) began broadcasting coded signals called SAME (Specific Area Message Encoding) codes along with their standard weather broadcasts from stations in your area. These codes identify the type of emergency and the specific geographic area (such as a county) affected by the emergency. Your Weatheradio receives, interprets, and displays information about the codes so you can determine if the emergency might affect your area. **Only SAME-compatible weather radios (such as this radio) are able to take advantage of this new technology.**

Each SAME alert includes a FIPS (Federal Information Processing System) code that identifies a specific geographic area (defined by the National Weather Service), so your Weatheradio sounds an alert only when a weather emergency is declared in that area. This helps you more efficiently track the weather conditions in and around your area.

WHEN A WEATHER ALERT OCCURS

When the Weatheradio receives a weather alert:

- it sounds an alert (siren or beep)
- a description of the alert appears
- an indicator on the front of the Weatheradio lights

Note: If the Weatheradio receives more than one weather alert at the same time, it displays information about each alert.

The alert descriptions your Weatheradio can display are based on a list of specific weather alert types published by the NWS (National Weather Service). For a list of all the alert descriptions that your Weatheradio can display, see "NWS Weather Alert Descriptions" on Page 7.

Caution: The NWS uses sophisticated weather models to determine an alert's effective time. However, the end of an alert does not necessarily mean that the related weather emergency is over.

New Alert Types

Your Weatheradio is designed to recognize all common weather alert types currently used by the NWS. However, the NWS occasionally creates and broadcasts *new* alert types (for which the Weatheradio's memory does not contain a specific, corresponding description). If your Weatheradio receives a signal for a new alert type, it is preset (if the alert function is turned on) to display **UNKNOWN**, the alert description (**EMERGENC**, **STATEMNT**, **WARNING**, or **WATCH**), and **TUNE TV**, then sound a siren alert.

NWS WEATHER ALERT DESCRIPTIONS

Your Weatheradio can display these NWS weather alert descriptions

Weather/Alert Description	You See
Avalanche warning	**AVALANCH WARNING**
Avalanche watch	**AVALANCH WATCH**
Blizzard warning	**BLIZZARD WARNING**
Civil danger warning	**CIVIL DANGER WARNING**
Civil danger watch	**CIVIL DANGER WATCH**
Civil emergency — turn on the TV for information or, if no information is available on TV, call your local NWS office	**TUNE TV** **Note: TUNE TV** might also indicate the Weatheradio has received a signal for a condition not defined in the Weatheradio's memory.
Coastal flood warning	**COASTAL FLOOD WARNING**
Coastal flood watch	**COASTAL FLOOD WATCH**
Emergency action warning	**EMERGENC ACTION WARNING**
Emergency action termination	**EMERGENC ACTION TERMINAT**
Evacuate immediately	**EVACUATE IMMEDIAT**
Fire warning	**FIRE WARNING**
Flash flood statement	**FLASH FLOOD**
Flash flood warning	**FLASH FLOOD WARNING**
Flash flood watch	**FLASH FLOOD WATCH**
Flood statement	**FLOOD**
Flood warning	**FLOOD WARNING**
Flood watch	**FLOOD WATCH**
Hazardous material warning	**HAZARD MATERIAL WARNING**
Hazardous material watch	**HAZARD MATERIAL WATCH**
High wind warning	**HIGH WIND WARNING**
High wind watch	**HIGH WIND WATCH**
Hurricane statement	**HURRICAN**

Weather/Alert Description	You See
Hurricane warning	**HURRICAN WARNING**
Hurricane watch	**HURRICAN WATCH**
Immediate evacuation warning	**IMMEDIAT EVACUATE WARNING**
Law enforcement warning	**LAW ENFORCE WARNING**
Local area emergency	**LOCAL AREA EMERGENC**
National hazard warning	**NATIONAL HAZARD WARNING**
National information center (information from an official government source)	**NATIONAL INFO CENTER**
Periodic national test	**NATIONAL PERIODIC TEST**
Practice/Demo	**DEMO MESSAGE**
Radiological hazard warning	**RADIOLOG HAZARD WARNING**
Radiological hazard watch	**RADIOLOG HAZARD WATCH**
Required monthly test	**MONTHLY TEST**

Weather/Alert Description	You See
Required weekly test	**WEEKLY TEST**
Severe thunderstorm warning	**SEVERE THUNDER WARNING**
Severe thunderstorm watch	**SEVERE THUNDER WATCH**
Severe weather statement	**SEVERE WEATHER**
Shelter in-place warning	**SHELTER IN-PLACE WARNING**
Special marine warning	**SPECIAL MARINE WARNING**
Special weather statement	**SPECIAL WEATHER**
Test message	**TEST MESSAGE**
Tornado warning	**TORNADO WARNING**
Tornado watch	**TORNADO WATCH**
Tsunami warning	**TSUNAMI WARNING**
Tsunami watch	**TSUNAMI WATCH**
Volcano warning	**VOLCANO WARNING**
Volcano watch	**VOLCANO WATCH**

Weather/Alert Description	You See
Winter storm warning	**WINTER STORM WARNING**
Winter storm watch	**WINTER STORM WATCH**
Unrecognized code ending in A	**UNKNOWN WATCH TUNE TV**
Unrecognized code ending in W	**UNKNOWN WARNING TUNE TV**
Unrecognized code ending in E	**UNKNOWN ENERGENC TUNE TV**
Unrecognized code ending in S	**UNKNOWN STATEMNT TUNE TV**

UNDERSTANDING FIPS CODES

For the purpose of broadcasting weather information, the NWS has divided the United States into regions by state and county (or parish, where applicable) then assigned a 6-digit FIPS code to identify each county or parish. For example, the code for Tarrant County, Texas, is 048439.

The first digit in a FIPS code identifies the county subdivision, the next two digits identify the state, and the last three digits identify the county or parish.

Note: Most FIPS codes begin with 0, which means the code represents an entire county. The NWS, however, plans to eventually subdivide some large or geographically diverse counties. When that happens, each subdivision will be assigned a digit from 1–9, resulting in codes such as 148439, 248439, and so on.

Your Weatheradio can receive all SAME alert signals broadcast within about a 50-mile radius of where you installed it. To receive SAME alerts and broadcasts about weather occurring only in particular counties within that area, you can program up to 15 FIPS codes into the Weatheradio's memory. For example, this lets you avoid hearing an alert that applies to an area within a 50-mile radius but not necessarily to your county or parish.

Obtaining Your Area's FIPS Code(s)

To obtain the FIPS code for the location where you installed your Weatheradio, contact your local RadioShack store or call the NWS toll free at 1-888-NWR-SAME (1-888-697-7263). If you call the NWS, follow the instructions you hear.

You can also obtain a state/country list of all FIPS codes by visiting the NWS website:

www.nws.noaa.gov/nwr/index-nw.htm#sametable

Note: If you are close to a county or parish line, you might want to obtain the codes for the nearby counties or parishes.

Hint: Since you can program up to 15 FIPS codes into the Weatheradio's memory, you might want to obtain the codes for other local areas that you frequently travel through (as long as those areas are within a 50 mile radius of your location and within an area covered by your local NWS broadcast station). That way, you can program those codes into the Weatheradio and receive broadcasts covering those locations, too.

POWERING THE WEATHERADIO

Your Weatheradio uses standard AC power for normal operation and one 9V battery (not supplied) for backup power when AC power fails or is temporarily disconnected. For the best performance and longest life, we recommend a RadioShack alkaline battery.

Cautions:

- Use only a fresh battery of the required size and recommended type.
- Do not use a rechargeable battery in your Weatheradio.

Notes:

- A fresh backup battery will power the Weatheradio for up to 1 hour with the weather broadcast turned on, or up to 4 hours in alert standby mode (see "Enabling/Disabling Alert Tones" on Page 15). However, we recommend you always connect the Weatheradio to AC power for normal use.
- If the backup battery becomes weak, your Weatheradio might not sound a tone when an emergency or test alert is broadcast. Test your Weatheradio's reception periodically (see "Testing the Weatheradio" on Page 14), and replace the battery if the tone does not sound.

Connecting the Weatheradio to AC Power

Plug the Weatheradio's power cord into a standard AC outlet. If a backup battery is not installed, appears.

Warning: Your Weatheradio's power cord has a polarized plug (one blade is wider than the other). If you have difficulty inserting the plug into the outlet, do not force it! Turn the plug over and try again.

Installing the Backup Battery

1. Plug the Weatheradio's power cord into a standard AC outlet.
2. Snap the tab on the battery compartment cover and lift it up to remove it.
3. Snap a 9V battery onto the battery terminals inside the compartment. disappears. Then place the battery inside the compartment.
4. Replace the cover. and **-- -- : -- --** flash. Then the Weatheradio scans for the time signal (see "Automatic Time Set" on Page 11).

When appears or the Weatheradio stops operating when it is unplugged from AC power, replace the battery.

Warning: Dispose of an old battery promptly and properly. Do not burn or bury it.

Caution: Always remove an old or weak battery. Batteries can leak chemicals that can destroy electronic parts.

PLACING THE WEATHERADIO

You can place your Weatheradio on any flat surface such as a desk, shelf, or table.

The Weatheradio has three built-in antennas. Its telescoping antenna lets it receive FM radio and weather signals, its built-in AM antenna lets it receive AM radio signals, and its time antenna lets it receive time signals.

Choose a location indoors near a window to place the Weatheradio so you can mount the time antenna near the window. The time antenna's cord extends up to about 3 feet.

Selecting a Location

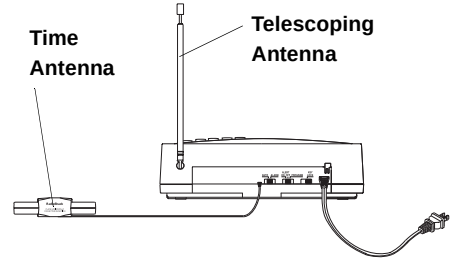
For the best reception, place your Weatheradio where it can receive alert signals and you can hear its alert tone

Note: Make sure the Weatheradio is away from obstructions such as metal cabinets or bookshelves. (Higher frequencies are noticeably affected by obstructions.) Do not place the Weatheradio near any metal surface such as a refrigerator, a metal door or wall, or a water pipe hidden behind a wall. This greatly reduces the Weatheradio's ability to receive signals.

Cautions:

- Do not place the Weatheradio where it will be in direct sunlight.
- Keep the Weatheradio away from heat or cold sources such as stoves, heating and air conditioning vents, and radiators.
- Do not mount the Weatheradio near a TV, high power cable, or metal table because these could interfere with radio signal reception.
- The time antenna is permanently attached to the Weatheradio. Do not cut or try to change the length of the antenna cord.
- Avoid placing the antenna's cord where it could be pinched or cut.

Preparing the Antennas



To use the telescoping antenna, lift it up so it is vertical, then fully extend it.

To ensure good reception, fully extend the time antenna's cable away from the clock and as near a window as possible.

If does not flash faster while the Weatheradio is checking the time signal, reposition or rotate the antenna bar until flashes faster. Then attach the time antenna to the mounting surface using the supplied double-sided tape or hook-and-loop tape (not supplied).

Notes:

- Do not place the antenna bar near a TV, computer, power cable, or metal table because these could interfere with radio signal reception.
- Position the antenna bar's cord so it does not twist or bend.

SETTING THE CLOCK

Automatic Time Set

When you plug in the Weatheradio and install the backup battery, **-- --:-- --** flashes to indicate that the clock is not set up yet. The Weatheradio automatically checks the WWVB time signal, and flashes slowly. It also checks the time signal 6 times a day at about 2 AM, 3 AM, 4 AM, 9 AM, 3 PM, and 9 PM. When it receives a good signal, it automatically sets the time.

While the Weatheradio scans for the time signal, you might see any of the following:

You See	What it Means
	The clock received a strong radio signal and has already updated the time. The icon does not flash.
	The clock has not received a radio signal strong enough to set the time. The icon flashes slowly.
	The time and date were set manually. The icon flashes slowly.
	The clock is receiving the radio signal and the time will be set shortly. The icon flashes rapidly.

Notes:

- In some areas, your Weatheradio might receive WWVB only during nighttime hours.
- On very cloudy and stormy days, the radio signal might not be strong enough to set the clock.

When the Weatheradio receives a good signal, flashes faster, and it automatically sets the time.

You can also set the clock manually. See "Manually Setting the Time."

You can obtain more information about WWVB on the World Wide Web at:

http://www.boulder.nist.gov/timefreq/wwvstatus.htm

Manually Setting the Time

If the clock does not receive a good radio signal, you can set the time manually.

1. Hold down **CLOCK** until the display flashes.
2. Repeatedly press (or hold down) **OK/HR** until the correct hour appears.
3. Repeatedly press (or hold down) **SCROLL/MIN** until the correct minute appears.

   Notes:

   - If you do not press any button within 30 seconds, the Weatheradio stores any settings changed to that point and stops the setup mode.
   - **A** appears when you set an AM time; **P** appears when you set a PM time.
4. Press **CLOCK** to store the settings.

Selecting the Time Zone

1. Hold down **CLOCK** until the display flashes.
2. Press **RADIO MEMORY 1**–**4** to select the time zone you are in:

   - **1** (Pacific)
   - **2** (Mountain)
   - **3** (Central)
   - **4** (Eastern)

   ZONE and a number and a letter (**P** for Pacific, **M** for Mountain, **C** for Central, or **E** for Eastern) appears. Then **DAYLIGHT**, **SAVINGS** then **ENABLE** or **DISABLE** appear (see "Setting Up Daylight Saving Time").

Setting Up Daylight Saving Time

You can set the Weatheradio so it automatically adjusts for daylight saving time, ensuring that the time displayed on the clock is accurate, regardless of the time of year.

Follow these steps to turn daylight saving time adjustment on or off.

1. Repeatedly press **SCROLL/MIN** until **ENABLE** appears to turn on daylight saving time adjustment, or until **DISABLE** appears to turn it off. Then press **OK/HR** to store the setting.

2. To quit daylight savings setup mode, press **CLOCK**.

Note: If you do not press any button within 30 seconds, the Weatheradio stores any settings changed to that point and exits setup mode.

PROGRAMMING THE WEATHERADIO

The first time you use your Weatheradio, it is automatically set to use the NOAA weather broadcast frequency 162.400 MHz (Channel 1) and receive all SAME alert signals (all locations mode) broadcast within a 50-mile radius of where you installed it.

Your Weatheradio is preprogrammed with the seven national NOAA broadcast frequencies (Channels 1–7). Depending on your location, you might need to select a different channel.

1. Set **ALERT/PROGRAM** on the back of the Weatheradio to **PROGRAM**. The Weatheradio displays the preset weather broadcast channel and frequency number.

   Note: If you do not press a key for about 45 seconds, the Weatheradio exits the programming mode without storing any changes. To continue, set **ALERT/PROGRAM** back to **PROGRAM**, then start over at Step 1.

2. Repeatedly press **SCROLL/MIN** to select the channel you want, then rotate **VOLUME** so you can hear the broadcast as you make your selection.

   Note: If you receive a NOAA broadcast on more than one channel, the one with the best reception *might not* be the one broadcasting information for your location. Contact your local RadioShack store or the NWS to find out which frequency NOAA is using to broadcast from the station nearest your location, then select that channel.

3. Press **OK/HR** when you hear the broadcast you want. The broadcast turns off, the Weatheradio beeps, then **TONE** or **VOICE** appears.

4. Repeatedly press **SCROLL/MIN** to select the alert type you want (**TONE** or **VOICE**). Then press **OK/HR** when the desired alert type appears. **MISSED ALERT REMINDER ENABLE** or **MISSED ALERT REMINDER DISABLE** appears. Repeatedly press **SCROLL/MIN** to select the alert reminder you want, then press **OK/HR**.

5. Repeatedly press **SCROLL/MIN** to select the desired FIPS mode (**ALL LOC**, **SINGLE** or **MULTIPLE**).

   - **ALL LOC**: The Weatheradio receives all SAME alert signals broadcast within about a 50-mile radius.

   - **SINGLE**: The Weatheradio receives a SAME alert signal for one FIPS code programmed in memory location 1.

   - **MULTIPLE**: The Weatheradio receives a SAME alert signal for up to 15 FIPS codes programmed in multiple locations in the Weatheradio's memory.

6. Press **OK/HR** when the FIPS mode you want appears.

   If you selected **SINGLE** or **MULTIPLE**, **000000** appears (unless you have already programmed the Weatheradio with a FIPS code).

7. To add a FIPS code or change the displayed FIPS code, press **SCROLL/MIN**. **- - - - - -** appears.

8. Repeatedly press **SCROLL/MIN** to select the first digit of the FIPS code you want to store.

9. Press **OK/HR** to confirm the digit you entered, then repeat Step 8–9 for each digit of the FIPS code.

   If you set the Weatheradio to its multiple mode, the code (if any) stored in the next memory position appears. Repeat Steps 8–9 for each code (up to 15) you want to change or add.

   Note: If you make a mistake while entering the code, press **CLEAR**. The incorrect digit disappears. Then enter the correct digit. If you hold down **CLEAR** for about 1 second, all digits disappear.

TESTING THE WEATHERADIO

For your Weatheradio to be effective, you must place it where it can receive an emergency alert broadcast and where you can hear its alert tone.

In the United States, the NWS broadcasts a test alert every week on Wednesday between 11 AM and 1 PM. To find out the specific test schedule in your area, contact your local NOAA or NWS office. These offices are usually listed in the telephone book under "US Government, Department of Commerce."

Important: The fact that you get clear reception of a weather broadcast signal does *not* guarantee that an emergency alert broadcast will trigger your Weatheradio's alert function. Be sure you choose the proper location for the Weatheradio (see "Selecting a Location" on Page 11) and regularly check the Weatheradio to be sure it is operating properly.

Note: Testing the Weatheradio erases all data you stored in its memory except the clock time.

1. Unplug the Weatheradio and remove the backup battery if one is installed.

2. While holding down **WEATHER/SNOOZE,** plug the Weatheradio's power cord into a standard AC outlet, then release **WEATHER/SNOOZE**. **TEST MODE** appears.

3. Press **WEATHER/SNOOZE**. Each of the display elements light.

4. To set the Weatheradio back to its default settings, press **RADIO MEMORY 1**. **DEFAULT** appears.

5. Repeatedly press **RADIO MEMORY 2** until **DEMO ON** appears (to set the Weatheradio to its test mode) or until **DEMO OFF** appears (to turn test mode off).

6. To turn on the Weatheradio's alert tone, press **RADIO MEMORY 3. DEEP ON** appears and the Weatheradio beeps. To turn off the Weatheradio's alert tone, press **RADIO MEMORY 3** again. **DEEP OFF** appears.

7. To set the Weatheradio to receive other weather channels, repeatedly press **RADIO MEMORY 4**. You hear each weather channel as you press **RADIO MEMORY 4**.

8. When you finish testing the Weatheradio, unplug its power cord then follow the steps under "Connecting the Weatheradio to AC Power" on Page 10 and "Installing the Backup Battery" on Page 10 to power the Weatheradio and protect its memory.

Important Notes:

- To make sure your Weatheradio will sound the alert tone when it receives an emergency signal, always keep the telescoping antenna fully extended.

- Testing the alert tone only ensures that the Weatheradio's alert tone can be heard. It does not test the Weatheradio's receiver or guarantee you will receive an emergency alert.

- If the Weatheradio does not sound an alert tone, you are out of range of the broadcast or the backup battery is weak.

- An emergency alert broadcast might not trigger your Weatheradio's alert tone, even if it receives voice transmissions clearly or the alert tone sounds when you manually test it. Also, if you are in a fringe area, your Weatheradio might be triggered by a broadcast when it is placed in one area, but not be triggered if you place it somewhere else (even close by).

ENABLING/DISABLING ALERT TONES

You can turn the alert tone on or off for certain weather alert types your Weatheradio receives. For example, you can turn off the alert tone for a volcano warning if you do not live near a volcano.

Notes:

- The Weatheradio still detects and displays information about alerts even after you disable the tone for those alerts.

- You can set the Weatheradio so it turns itself on when it receives a specific warning. Disabling the alert tone for a warning, however, means that the Weatheradio will not turn itself on when it receives that warning.

You can set the Weatheradio so it does not sound an alert tone during *only* the following types of alerts:

Avalanche Warning	Avalanche Watch
Blizzard Warning	Coastal Flood Warning
Coastal Flood Watch	Flash Flood Statement
Flash Flood Warning	Flash Flood Watch
Flood Statement	Flood Warning
Flood Watch	High Wind Warning
High Wind Watch	Hurricane Statement
Hurricane Watch	Practice/Demo
Required Monthly Test	Severe Thunderstorm Watch
Severe Weather Statement	Special Marine Warning
Special Weather Statement	Test Message
Unknown Statement	Volcano Warning
Volcano Watch	Winter Storm Warning
Winter Storm Watch	

Follow these steps to enable or disable alert tones.

1. Set **ALERT/PROGRAM** to **PROGRAM**.

   Note: If you do not press a key for about 45 seconds during Steps 2–4, the Weatheradio exits the programming mode without storing any change. To continue, set **ALERT/PROGRAM** back to **PROGRAM**, then start over at Step 1.

2. To view each alert type, repeatedly press **OK/HR**. The alert type and **TONE ON** (if the alert is turned on) or **TONE OFF** (if the alert is turned off) appears.

3. To change a displayed entry, press **SCROLL/MIN**.

4. To resume normal operation, set **ALERT/PROGRAM** to **ALERT**.

❒ Operation

LISTENING TO A WEATHER BROADCAST

To listen to a weather broadcast, press **WEATHER/SNOOZE**, then adjust **VOLUME** to the desired listening level. To turn off the weather broadcast, press **WEATHER/SNOOZE** again.

USING THE ALARMS

You can set two independent alarms to sound.

1. Hold down **ALARM1** or **ALARM2** until the display flashes.

2. Repeatedly press or hold down **OK/HR** until the display shows the correct alarm hour setting.

3. Repeatedly press or hold down **SCROLL/MIN** until the display shows the correct alarm minute setting. The display flashes.

4. Press **ALARM1** or **ALARM2** again to store the alarm time setting. **ALARM** appears, the Weatheradio beeps, and the radio turns on.

5. If the radio is not already set to the band you want to use (AM or FM), select the desired band by pressing **AM/FM/OFF**. **AM** and an AM frequency appear. To select the FM band, press **AM/FM/OFF** again.

   Within 30 seconds, if you do not press any key, the Weatheradio will quit alarm time setup mode automatically and save all of the alarm settings.

6. Press **SEEK** to automatically search for the frequency you want in the selected band. When you hear the frequency you want, press **ALARM1** or **ALARM2** to store it.

7. To wake to the alarm sound, slide **AUTO/ALARM** to **ALARM**. At the preset alarm time, the alarm sounds. To stop it sooner, press **ALARM1** or **ALARM2**.

8. To wake to the radio, slide **AUTO/ALARM** to **AUTO**. At the preset time, the radio turns on. To stop it sooner, press **ALARM1** or **ALARM2**.

9. To cancel the alarms, repeatedly press **ALARM1** or **ALARM2** until **ALARM1 OFF** or **ALARM2 OFF** appears.

Using Snooze

To temporarily silence the alarm (or the radio), press **WEATHER/SNOOZE**. This silences the alarm (or the radio) for about 10 minutes. You can press **WEATHER/SNOOZE** as many times as you like.

USING THE SLEEP TIMER

You can set the radio to play for up to 2 hours then automatically turn off.

1. Press **AM/FM/OFF** to turn on the radio.

2. Press **SLEEP**. **SLP 120M** flashes.

3. Repeatedly press **SLEEP** to reduce the sleep time in 10 minute intervals.

   The radio plays for the set length of time then automatically turns off. To turn off the sleep timer, repeatedly press **SLEEP** until **SLP -- -- --M** flashes, or press **WEATHER/SNOOZE** to switch to a weather broadcast for weather information.

Note: When the Weatheradio receives a weather warning message, it turns off the radio if it is playing and switches to the weather broadcast.

USING THE RADIO

1. To turn on the radio, press **AM/FM/OFF**. **AM** and an AM frequency appear. To select the FM band, press **AM/FM/OFF** again.

2. Press **SEEK** to automatically search for the next strong frequency. Press **SEEK** again to stop the search. Hold down **OK/HR** to tune to higher frequencies or **SCROLL/MIN** to tune to lower frequencies.

3. Press **CLOCK** to view the time. Press **AM/FM/OFF** to view the frequency the radio is tuned to when the sleep time appears.

   Notes:

   - If the displayed frequency disappears, press **AM/FM/OFF** to display it again.

   - If the radio is on, press **WEATHER/SNOOZE** to turn off the radio and switch to the weather broadcast.

   - If the weather broadcast is on, press **AM/FM/OFF** to turn off the weather broadcast and switch to the AM band.

   - If the radio is on and the Weatheradio receives a weather warning message, the Weatheradio automatically turns off the radio and switches to the weather broadcast. If the Weatheradio receives an “End of Message” signal or 5 minutes elapse without a weather signal, the Weatheradio switches back to the radio broadcast.

   - If the radio is on and the Weatheradio receives a weather warning expiration message, the Weatheradio automatically switches back to the radio broadcast and displays the frequency.

4. To turn off the radio, press **AM/FM/OFF** twice (if the AM band is selected) or once (if the FM band is selected). Or, press **WEATHER/SNOOZE** to turn off the radio and switch to the weather broadcast.

USING THE MEMORY

You can store up to five AM and five FM stations into the Weatheradio’s memory. Once you select the desired station, hold down the **RADIO MEMORY** button (**1**–**5)** you want to use to store it for about 1 second while the frequency for that station appears. A beep sounds and **MEMORY** and the button number appear, and the station is stored.

Notes:

- If the displayed frequency disappears, press **AM/FM/OFF** to display it again.

- The **RADIO MEMORY** buttons do not work when the radio is playing and the clock appears. Press **AM/FM/OFF** to use the **RADIO MEMORY** buttons.

USING KEY LOCK

To avoid accidentally changing the radio’s settings, slide **KEY LOCK** on the back of the Weatheradio to the left. To unlock the keys, slide **KEY LOCK** to the right.

❒ Troubleshooting

If your Weatheradio is not working as it should, these suggestions might help you eliminate the problem. If the Weatheradio still does not operate properly, take it to your local RadioShack store for assistance.

Problem(s)	Suggestion(s)
No power.	Make sure the Weatheradio is connected to AC power and a backup battery is installed. See “Powering the Weatheradio” on Page 10.
No weather broadcast when you press **WEATHER**.	Make sure the telescoping antenna is fully extended. See “Selecting a Location” on Page 11.
	Make sure the Weatheradio is set to the NOAA channel that is being broadcast in your area. See “Programming the Weatheradio” on Page 13.
CHECK OP (check operation) appears.	The Weatheradio has not received any type of SAME alert signal (including test or demo signals) for about one week. Make sure the FIPS code(s) stored in memory are correct. See “Programming the Weatheradio” on Page 13.
	Make sure the telescoping antenna is fully extended. See “Selecting a Location” on Page 11.
The Weatheradio does not receive WWVB.	In some areas, your Weatheradio might receive WWVB only during nighttime hours.
	On very cloudy and stormy days, the radio signal might not be strong enough to set the clock.
	Make sure the time antenna is mounted near a window (see “Selecting a Location” on Page 11).
The Weatheradio is not responding properly to NWS weather alert broadcasts.	Make sure you programmed the correct FIPS code(s) into the Weatheradio’s memory. See “Programming the Weatheradio” on Page 13.
	Make sure **ALERT/PROGRAM** is set to **ALERT**.

CARE

Keep the Weatheradio dry; if it gets wet, wipe it dry immediately. Use and store the Weatheradio only in normal temperature environments. Handle the Weatheradio carefully; do not drop it. Keep the Weatheradio away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the Weatheradio’s internal components can cause a malfunction and might invalidate its warranty. If your Weatheradio is not performing as it should, take it to your local RadioShack store for assistance.

❒ Specifications

Bands ..... AM: 530–1710 kHz
FM: 88–108 MHz

Power Requirements ..... AC 120V, 60Hz, 60mA
DC 9V battery for backup

Frequency Coverage (MHz):

- Channel 1 ..... 162.400
- Channel 2 ..... 162.425
- Channel 3 ..... 162.450
- Channel 4 ..... 162.475
- Channel 5 ..... 162.500
- Channel 6 ..... 162.525
- Channel 7 ..... 162.550

Receiving Sensitivity (at 12 dB SINAD) ..... 0.6 µV

Audio Output ..... 200 mW

Dimensions (HWD) ..... $2^{9}/_{32} \times 7^{15}/_{32} \times 4^{23}/_{32}$ in
($58 \times 190 \times 120$ mm)

Weight ..... 1 lb 14 oz
(852 g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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